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 <small>(Use this form for all correspondence after initial filing)</small>		Application Number	10/672,302
		Filing Date	September 26, 2003
		First Named Inventor	Hong Jin
		Group Art Unit	1648
		Examiner Name	Unassigned
Total Number of Pages in This Submission		Attorney Docket Number	26-000320US

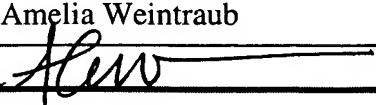
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Jonathan Alan Quine, Reg. No. 41,261, Quine Intellectual Property Law Group, P.C.
Signature	
Date	January 27, 2004

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Date	January 27, 2004

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QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

By A. Weintraub
Amelia Weintraub

Attorney Docket No. 26-000320US
Client Ref. No. NS210P2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hong Jin, et al.

Application No.: 10/672,302

Filed: September 26, 2003

For: FUNCTIONAL MUTATIONS IN
RESPIRATORY SYNCYTIAL VIRUS

Examiner: Unassigned

Art Unit: 1648

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR § 1.97 and
§ 1.98

Commissioner for Patents
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Sir:

The references cited on attached form PTO-1449 are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action on the merits per 37 CFR 1.97(b)(3). However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 50-0893. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Jonathan Alan Quine, J.D., Ph.D.
Reg. No. 41,261

QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.
P.O. BOX 458
Alameda, CA 94501
(510) 337-7871
Fax (510) 337-7877

Substitute for form 1449A-B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/672,302
		Filing Date	September 26, 2003
		First Named Inventor	Hong Jin
		Group Art Unit	1648
		Examiner Name	Unassigned
		Attorney Docket Number	26-000320US
		Date Submitted	January 27, 2004

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			
	01	5,922,326		Murphy et al.	07-13-1999	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
	02	WO	02/44334	A2	Aviron, Inc.	06-06-2002		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T
	03	Ahmadian et al. (1999) Detection and characterization of proteins encoded by the second ORF of the M2 gene of pneumoviruses. <i>J Gen Virol.</i> , 80:2011-2016.				
	04	Ahmadian et al. (2000) Expression of the ORF-2 protein of the human respiratory syncytial M2 gene is initiated by a ribosomal termination-dependent reinitiation mechanism. <i>EMBO J.</i> , 19:2681-2689.				
	05	Anderson et al. (1985) Microneutralization test for respiratory syncytial virus based on an enzyme immunoassay. <i>J Clin Microbiol.</i> , 22:1050-1052.				
	06	Asenjo et al. (2000) Regulated but not constitutive human respiratory syncytial virus (HRSV) P protein phosphorylation is essential for oligomerization. <i>FEBS Lett</i> 467:279-284				
	07	Barik et al. (1995) Phosphorylation of Ser ²³² Directly Regulates the Transcriptional Activity of the P Protein of Human Respiratory Syncytial Virus: Phosphorylation of Ser ²³⁷ May Play an Accessory Role. <i>Virology</i> 213:405-412				
	08	Birmingham et al. (1999) The M2-2 protein of human respiratory syncytial virus is a regulatory factor involved in the balance between RNA replication and transcription. <i>Proc Natl Acad Sci U S A</i> , 96:11259-11264.				
	09	Bukreyev et al. (1996) Recovery of infectious respiratory syncytial virus expressing an additional, foreign gene. <i>J Virol</i> , 70:6634-6641.				

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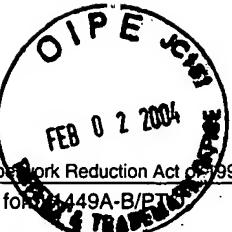
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(use as many sheets as necessary)

Complete if Known	
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10	Caravokyri et al. (1992) Assignment of mutant tsN19 (complementation group E) of respiratory syncytial virus to the P protein gene. J. Gen Virol. 73:865-873
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16	Faulkner et al. (1976) Respiratory Syncytial Virus ts Mutants and Nuclear Immunofluorescence. J. Virol. 20:487-500
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20	Hardy et al. (2000) The Cys ₃ -His ₁ Motif of the Respiratory Syncytial Virus M2-1 Protein is Essential for Protein Function. J. Virol. 74: 5880-5885.
21	Jin et al. (1998) Recombinant Human Respiratory Syncytial Virus (RSV) from cDNA and Construction Subgroup A and B Chimeric RSV. Virology 251:206-214
22	Jin et al. (2000) Recombinant Respiratory Syncytial Viruses with Deletions in the NS1, NS2, SH, and M2-2 Genes are Attenuated <i>in Vitro</i> and <i>in Vivo</i> . Virology 273:210-218
23	Jin et al. (2000) Respiratory Syncytial Virus that Lacks Open Reading Frame 2 of the M2 Gene (m2-2) Has Altered Growth Characteristics and Is Attenuated in Rodents. J Virol 74:74-82

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<p>Substitute for form 1449A-B/P TRADE SECRETS</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>	Complete if Known	
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	First Named Inventor	Hong Jin
	Group Art Unit	1648
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	Attorney Docket Number	26-000320US
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24	Jin et al. (2003) Evaluation of recombinant respiratory syncytial virus gene deletion mutants in African green monkeys for their potential as live attenuated vaccine candidates. Vaccine 21:3647-3652
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35	Zhou et al. (2003) Identification of amino acids that are critical to the processivity function of respiratory syncytial virus M2-1 protein. J Virol. 77:5046-5053.

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